CITY OF MOUNTAIN VIEW

FIRE DEPARTMENT-CLASS 1 • FIRE AND ENVIRONMENTAL PROTECTION DIVISION
500 Castro Street • City Hall • 4th Floor • Mountain View, California 94041-2010
650-903-6378 • FAX 650-962-1430

July 13, 2018

Matt Bacon
501 Ellis Street Groundwater Extraction S
1111 Broadway, 6th Floor
Oakland, CA 94607
for: 501 Ellis Street

DUE DATE: August 3, 2018

Liquid Waste Discharge Monitoring Program

Periodic Report of Continued Compliance (PRCC)

for Reporting Period: 1/1/18 to 6/30/18

Dear Wastewater Discharge Permittee:

Enclosed is your Periodic Report of Continued Compliance (PRCC) for January 1, 2018 through June 30, 2018. The PRCC consists of three sets of documents: 1) a summary of your self-monitoring analysis conducted during the reporting period for wastewater discharged to the City sanitary sewer; 2) a Certification page; and 3) a summary of your wastewater discharge processes (flow diagrams) including average and maximum daily flows.

To complete the PRCC, follow these steps:

1. Review all information and make sure it is accurate. Especially review the analytical results and flow diagrams for accuracy. Update any incorrect information with a red pen. (Note: if you add any new or missing analytical results, attach a hard copy of the analysis and chain of custody form).

2. Complete the "Comments/Explanation" section ONLY if the frequency of your analytical results does not match the frequency specified on the front page. (For example, if you were required to analyze for TTO monthly, but had no analytical results for July because you did not discharge any wastewater, explain in the "Comments/Explanation" section that July analysis are missing because no wastewater discharge occurred that month). Attach your wastewater flow log and pH meter chart if requested to do so.

3. Sign and date the certification form in the space provided. If a Toxic Organic Management Plan (TOMP) is enclosed, please review and sign it also.

4. Return the signed and corrected forms to the above address **no later than Friday, August 3, 2018.**

If you have any questions, please contact your wastewater inspector at the above number.

Sincerely,

Jaymae Wentker
Fire Marshal

CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION
500 Castro Street • City Hall • 4th Floor • Mountain View, CA 94041-2010 • 650-903-6378

Business Name

501 Ellis Street Groundwater Extraction System

Facility ID: **925**
EPA Category:
EPA Reference:

Facility Street Address

501 Ellis Street

Periodic Report of Continued Compliance (PRCC)
From: 1/1/2018 to 6/30/2018

PERMIT REQUIREMENTS				SAMPLING ANALYSIS					
Sample Parameter	**Sample Location**[(1)]	**Sample Type**	**Sample Frequency**	**Sample Date**	**Flow (GPD)**	**Analysis (mg/L)**	**Det. Limit (mg/L)**	**Local Limit (mg/L)**	**Violation**[(2)]
Single Toxic Organic	A1	Grab	Quarterly	3/26/2018 6/29/2018	6,758 ~~3,720~~ 5,943	0.068	0.0005	.75	
Total Dissolved Solids	A1	Grab	Quarterly	3/26/2018 6/29/2018	6,758 ~~3,720~~ 5,943	690	10	10000	
Total Toxic Organics	A1	Grab	Quarterly	3/26/2018 6/29/2018	6,758 ~~3,720~~ 5,943	0.0994	0.0005	1	

(1) Sampling Location A1 is in the northwest corner of the treatment pad.

(2) An asterisk in this column indicates a discharge violation.

CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL PROTECTION DIVISION
500 Castro Street • City Hall • 4th Floor • Mountain View, CA 94041-2010 • 650-903-6378

Business Name

501 Ellis Street Groundwater Extraction System

Facility ID: **925**
EPA Category:
EPA Reference:

Facility Street Address

501 Ellis Street

Periodic Report of Continued Compliance (PRCC)
From: 1/1/2018 to 6/30/2018

COMMENTS/EXPLANATION FOR MISSING WASTEWATER ANALYSIS:

The second quarter samples were not collected until 7/10/2018 and will be reported in the Q4 PRCC. Flow rate measurements are added above and included as an attachment.

I certify that the wastes discharged during the reporting period do not constitute hazardous waste under Chapter 6.5 of the Health and Safety Code [Sec. 25115 and 25117] and Title 22 of the California Code of Regulations [Sec. 66680-66746] at the point of discharge into the City sanitary sewer system. If I am a zero discharger, I certify that I have not discharged any categorical wastes and will not discharge them without prior notification to the City.

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 403.12(l)]

SIGNATURE OF RESPONSIBLE PERSON:

Eric Suchomel
Name (type or print)


Signature

Principal Engineer, Geosyntec Consultants
Title

7/20/2018
Date

ATTACH THE FOLLOWING DOCUMENTATION:

- [X] Wastewater discharge flow meter readings/log for last 6 months.
- [ ] Wastewater discharge pH readings/log for last 6 months.
- [ ] Waste manifest for sumps cleaning & sludge removal within last year.
- [ ] Wastewater treatment/discharge log for Formaldehyde for last 6 months.
- [ ] Wastewater treatment/discharge log for Gluteraldehyde for last 6 months.

CITY OF MOUNTAIN VIEW
FIRE AND ENVIRONMENTAL SAFETY DIVISION
500 Castro Street • City Hall • 4th Floor • Mountain View, CA 94041-2010 • 650-903-6378

Wastewater Process Discharge

Business Name

501 Ellis Street Groundwater Extraction System

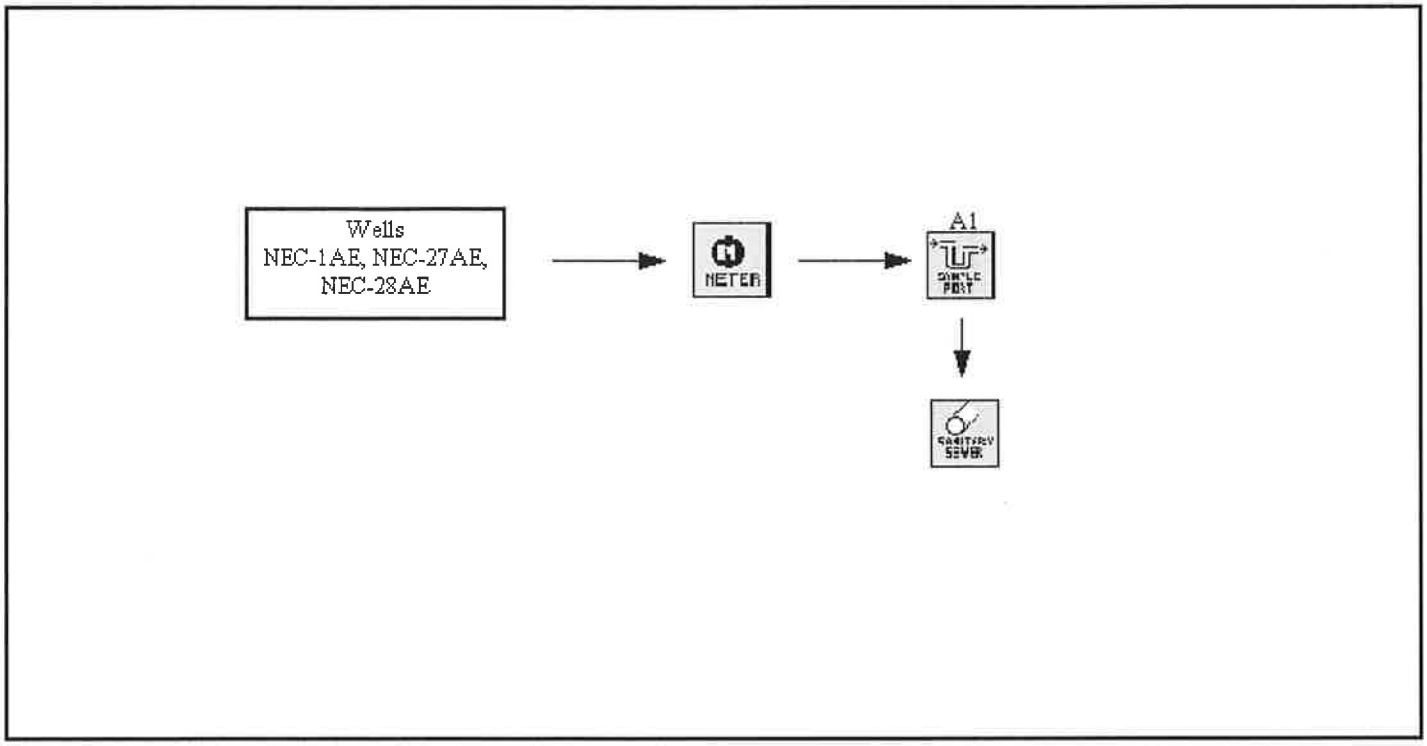
Facility ID:	925
Updated:	4/24/2018

Facility Street Address

501 Ellis Street

Discharge Activity Name: Groundwater Extraction Wells **Activity** 1 **of** 1

Discharge Source (Map Location): Wells NEC-1AE, NEC-27AE, NEC-28AE **RCMs Required?** No



Sanitary Sewer Discharge Data:

Average Daily Flow: 7,460 **GPD** **Maximum Daily Flow:** 9,560 **GPD** **Sample Port:** A1

REASONABLE CONTROL MEASURES (RCMs)

This section does NOT APPLY to this wastewater process discharge.

Control of Bath Make-Up

	Select Best Bath Chemistry
	Use Standard Recipes
	Use De-Ionized Water

Extension of Bath Life

	Bath Purification
	High Purity Anodes
	Change Bath by Analysis
	Purifiable Bath Chemistry

Pretreatment of Spent Baths

	Electrowin Spent Baths, or
	Batch Treat Spent Bath

Minimization of Drag-In

	Efficient Pre-Cleaning of Parts
	Use Coated Racks
	Optimization of Prior Processes
	Use Drag-In/Drag-Out Sequence

Flow Control

	Conductivity Controller, or
	Flow Timer, or
	Contact Switch

Countercurrent Rinsing

	Separate Tank, or
	Divide Existing Tank, or
	Spray Over Existing Tank

Minimization of Drag-Out

	Static Drag-Out Tank
	Spray Rinse, or
	Squeege, or
	Air Knives
	Drain Boards
	Splash Guard
	Drip Bar, or
	Increased Dwell Time
	Recapture Drag Out

Substitutes/Comments

TABLE 2
FIRST QUARTER 2018
GROUNDWATER TREATMENT SYSTEM DISCHARGE
RENESAS ELECTRONICS AMERICA, INC.
501 ELLIS STREET, MOUNTAIN VIEW, CALIFORNIA

Date & Time	Discharge Meter Reading (gal)	Average Flowrate	
		(gal/day)	(gpm)
1/31/2018 9:40	45,756,600	6,978	4.85
2/28/2018 11:55	45,951,130	6,948	4.82
3/30/2018 8:50	46,153,860	6,758	4.69

TABLE 2
SECOND QUARTER 2018
GROUNDWATER TREATMENT SYSTEM DISCHARGE
RENESAS ELECTRONICS AMERICA, INC.
501 ELLIS STREET, MOUNTAIN VIEW, CALIFORNIA

Date & Time	Discharge Meter Reading (gal)	Average Flowrate	
		(gal/day)	(gpm)
4/30/2018 12:12	46,353,270	6,404	4.45
5/31/2018 13:00	46,543,280	6,123	4.25
6/29/2018 12:35	46,715,510	5,943	4.13

ENTHALPY

ANALYTICAL

Enthalpy Analytical
2323 Fifth Street, Berkeley, CA 94710, Phone (510) 486-0900

Laboratory Job Number 298344
ANALYTICAL REPORT

Locus Technologies	Project : 98007-99-2200
299 Fairchild Dr.	Location : NEC
Mountain View, CA 94043	Level : II

Sample ID	Lab ID
266 NEC-EFT	298344-001
TRIP BLANK	298344-002

This data package has been reviewed for technical correctness and completeness. Release of this data has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature which applies to this PDF file as well as any associated electronic data deliverable files. The results contained in this report meet all requirements of NELAP and pertain only to those samples which were submitted for analysis. This report may be reproduced only in its entirety.

Signature: _____ Date: 04/02/2018

Lauren Smith
Project Manager
lauren.smith@enthalpy.com

CA ELAP# 2896, NELAP# 4044-001

ENTHALPY ANALYTICAL

CASE NARRATIVE

Laboratory number:	**298344**
Client:	**Locus Technologies**
Project:	**98007-99-2200**
Location:	**NEC**
Request Date:	**03/26/18**
Samples Received:	**03/26/18**

This data package contains sample and QC results for two water samples, requested for the above referenced project on 03/26/18. The samples were received cold and intact.

Volatile Organics by GC/MS (EPA 624):
No analytical problems were encountered.

Total Dissolved Solids (TDS) (SM2540C):
No analytical problems were encountered.

298344

Locus TECHNOLOGIES

CHAIN-OF-CUSTODY RECORD (See Reverse for Instructions)

SERIAL NO. 15114

PROJECT NAME: NEC
PROJECT NUMBER: 98007-99-2200
RECORDER: [signature] (SIGN)
SAMPLERS: ______ (PRINT) ______ (SIGN)

SAMPLE CONTAINER DESCRIPTION CODES
(A.) 40-ml VOA Vial; B. Glass Liter; (C.) Plastic 500-ml; D. Plastic Liter; E. Brass Tube; F. Other

SAMPLE DESCRIPTION CODES
(A.) Ground Water; B. Surface Water; C. Leachate; D. Rinseate; E. Soil/Sediment; F. Oil; G. Waste; (H.) Blank/Spike; I. Other

TAT CODES
(1.) Standard; 2. 48 Hour; 3. 24 Hour; 4. Other

ANALYTICAL LAB: C&T

LABORATORY USE ONLY — LAB PROJECT NO.

NO.	DATE	TIME	SAMPLE ID	AVERAGE TEMP °C	AVERAGE COND micromhos/cm	AVERAGE pH	Sample container (enter code)	Sample Description (enter code)	Unpreserved	HNO_3	HCL	Field Filtered (check)	EPA624/CIS-1,2	OCE+MTBE	TOS	Temperature*	TAT Requested (enter code)	Maximum Holding Time for Method Requested	Sample Store at 4°C (Check)	No VOA Headspace (Check)	NOTES	ASSIGNED BOTTLE NUMBERS	SAMPLE CONDITION UPON RECEIPT
1	3-26-18	1035	266NEC-EFT				A	A			3		X	X									
2	↓	1035	" " "				C	A	1						X								
3	↓	N/A	Trip Blank				A	H			3		X	X									
4	↓	N/A	Temp Blank				A	H	1							X					*		
5																							
6																							
7																							
8																							
9																							
10																							
11																							
12																							
13																							
14																							
15																							
16																							

NOTES / MISCELLANEOUS

* **NOTE! Temperature to be measured and recorded upon receipt of samples at lab. ______ °C**

Field / Container Temp.

Container Sealed with Custody Seal: Yes ☐ No ☐

Relinquished By: (Signature)	Received By: (Signature)	Date	Time
[signature]	Tobey Priest	3/26/18	1310
Tobey Priest	[signature]	3-26-18	1705

Method of Shipment	Description of Transport Container	Other Chains-of-Custody Transported with this Chain (by Serial No.)	Dispatched By: (Signature)	Date	Time	Received for lab By: (Signature)	Date	Time
			[signature]	3-26-18	1310			

Send Lab Results to (Name): ~~Linda Ocampo~~ Nancy Jeanne Lefevre (Check Office Below) Verbals Requested: Yes ☐ No ☐

☐ MOUNTAIN VIEW • 299 FAIRCHILD DRIVE • MTN VIEW, CA 94043 • TEL (650) 960-1640 • FAX (650) 960-0739
☐ WALNUT CREEK • 1701 N. CALIFORNIA BLVD • WALNUT CREEK, CA 94596 • TEL (925) 906-8100 • FAX (925) 906-8101
☐ SACRAMENTO • 1100 MELODY LANE • ROSEVILLE, CA 95678 • TEL (916) 677-1751 • FAX (916) 677-1760
☐ OTHER ______ TEL ______ FAX ______

WHITE: Laboratory Copy YELLOW: Project Copy PINK: Database Copy

REV. 6/02

SAMPLE RECEIPT CHECKLIST

Section 1: Login # 298344 Client: Locus

Date Received: 3-26-18 Project: NEC

Section 2: Samples received in a cooler? ☒ Yes, how many? 1 ☐ No **(skip Section 3 below)**

If no cooler Sample Temp (°C): _____ using IR Gun # ☐ A, or ☐ B

☐ Samples received on ice directly from the field. Cooling process had begun

If in cooler: Date Opened 3-26-18 By (print) BGJ (sign) BJ

Shipping info (if applicable) _____

Are custody seals present? ☒ No, or ☐ Yes. If yes, where? ☐ on cooler, ☐ on samples, ☐ on package

☐ Date: _____ How many _____ ☐ Signature, ☐ Initials, ☐ None

Were custody seals intact upon arrival? ☐ Yes ☐ No ☒ N/A

Section 3: ***Important*** **: Notify PM if temperature exceeds 6°C or arrive frozen.**

Packing in cooler: (if other, describe) _____

☐ Bubble Wrap, ☐ Foam blocks, ☒ Bags, ☐ None, ☐ Cloth material, ☐ Cardboard, ☐ Styrofoam, ☐ Paper towels

☐ Samples received on ice directly from the field. Cooling process had begun

Type of ice used : ☒ Wet, ☐ Blue/Gel, ☐ None Temperature blank(s) included? ☒ Yes, ☐ No

Temperature measured using ☐ Thermometer ID: _____, or IR Gun # ☒ A ☐ B

Cooler Temp (°C): #1: 1.4, #2: _____, #3: _____, #4: _____, #5: _____, #6: _____, #7: _____

Section 4:	YES	NO	N/A
Were custody papers dry, filled out properly, and the project identifiable	✓		
Were Method 5035 sampling containers present?		✓	
If YES, what time were they transferred to freezer? _____			
Did all bottles arrive unbroken/unopened?	✓		
Are there any missing / extra samples?		✓	
Are samples in the appropriate containers for indicated tests?	✓		
Are sample labels present, in good condition and complete?	✓		
Does the container count match the COC?	✓		
Do the sample labels agree with custody papers?	✓		
Was sufficient amount of sample sent for tests requested?	✓		
Did you change the hold time in LIMS for unpreserved VOAs?			✓
Did you change the hold time in LIMS for preserved terracores?			✓
Are bubbles > 6mm absent in VOA samples?		✓	
Was the client contacted concerning this sample delivery?		✓	
If YES, who was called? _____ By _____ Date: _____			

Section 5:	YES	NO	N/A
Are the samples appropriately preserved? (if N/A, skip the rest of section 5)			✓
Did you check preservatives for all bottles for each sample?			
Did you document your preservative check?			

pH strip lot# _____, pH strip lot# _____, pH strip lot# _____

Preservative added:

☐ H2SO4 lot# _____ added to samples _____ on/at _____

☐ HCL lot# _____ added to samples _____ on/at _____

☐ HNO3 lot# _____ added to samples _____ on/at _____

☐ NaOH lot# _____ added to samples _____ on/at _____

Section 6:

Explanations/Comments: 3/3 VOAs arrived with bubbles, for Sample 2

Date Logged in 3/26/18 **By (print)** VC **(sign)** VC

Date Labeled 3-27-18 **By (print)** bp **(sign)** bp

ENTHALPY ANALYTICAL

Detections Summary for 298344

Results for any subcontracted analyses are not included in this summary.

Client : Locus Technologies
Project : 98007-99-2200
Location : NEC

Client Sample ID : 266 NEC-EFT Laboratory Sample ID : 298344-001

Analyte	Result	Flags	RL	Units	Basis	IDF	Method	Prep Method
trans-1,2-Dichloroethene	7.4		0.5	ug/L	As Recd	1.000	EPA 624	EPA 624
cis-1,2-Dichloroethene	24		0.5	ug/L	As Recd	1.000	EPA 624	EPA 624
Trichloroethene	68		0.5	ug/L	As Recd	1.000	EPA 624	EPA 624
Total Dissolved Solids	690		10	mg/L	TOTAL	1.000	SM2540C	METHOD

Client Sample ID : TRIP BLANK Laboratory Sample ID : 298344-002

No Detections

ENTHALPY ANALYTICAL

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	298344	Location:	NEC
Client:	Locus Technologies	Prep:	EPA 624
Project#:	98007-99-2200	Analysis:	EPA 624
Field ID:	266 NEC-EFT	Batch#:	257852
Lab ID:	298344-001	Sampled:	03/26/18
Matrix:	Water	Received:	03/26/18
Units:	ug/L	Analyzed:	03/28/18
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
MTBE	ND	0.5
trans-1,2-Dichloroethene	7.4	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	24	0.5
Chloroform	ND	0.5
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	68	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Ethylbenzene	ND	0.5
Bromoform	ND	1.0
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	115	80-120
1,2-Dichloroethane-d4	106	72-135
Toluene-d8	92	80-120
Bromofluorobenzene	88	80-120

ND= Not Detected
RL= Reporting Limit

ENTHALPY ANALYTICAL

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	298344	Location:	NEC
Client:	Locus Technologies	Prep:	EPA 624
Project#:	98007-99-2200	Analysis:	EPA 624
Field ID:	TRIP BLANK	Batch#:	257852
Lab ID:	298344-002	Sampled:	03/26/18
Matrix:	Water	Received:	03/26/18
Units:	ug/L	Analyzed:	03/28/18
Diln Fac:	1.000		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	0.5
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Ethylbenzene	ND	0.5
Bromoform	ND	1.0
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	116	80-120
1,2-Dichloroethane-d4	101	72-135
Toluene-d8	92	80-120
Bromofluorobenzene	91	80-120

ND= Not Detected
RL= Reporting Limit

Batch QC Report

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	298344	Location:	NEC
Client:	Locus Technologies	Prep:	EPA 624
Project#:	98007-99-2200	Analysis:	EPA 624
Type:	BLANK	Dil'n Fac:	1.000
Lab ID:	QC925434	Batch#:	257852
Matrix:	Water	Analyzed:	03/28/18
Units:	ug/L		

Analyte	Result	RL
Chloromethane	ND	1.0
Vinyl Chloride	ND	0.5
Bromomethane	ND	1.0
Chloroethane	ND	1.0
Trichlorofluoromethane	ND	1.0
1,1-Dichloroethene	ND	0.5
Methylene Chloride	ND	10
MTBE	ND	0.5
trans-1,2-Dichloroethene	ND	0.5
1,1-Dichloroethane	ND	0.5
cis-1,2-Dichloroethene	ND	0.5
Chloroform	ND	0.5
1,1,1-Trichloroethane	ND	0.5
Carbon Tetrachloride	ND	0.5
1,2-Dichloroethane	ND	0.5
Benzene	ND	0.5
Trichloroethene	ND	0.5
1,2-Dichloropropane	ND	0.5
Bromodichloromethane	ND	0.5
cis-1,3-Dichloropropene	ND	0.5
Toluene	ND	0.5
trans-1,3-Dichloropropene	ND	0.5
1,1,2-Trichloroethane	ND	0.5
Tetrachloroethene	ND	0.5
Dibromochloromethane	ND	0.5
Chlorobenzene	ND	0.5
Ethylbenzene	ND	0.5
Bromoform	ND	1.0
1,1,2,2-Tetrachloroethane	ND	0.5
1,3-Dichlorobenzene	ND	0.5
1,4-Dichlorobenzene	ND	0.5
1,2-Dichlorobenzene	ND	0.5

Surrogate	%REC	Limits
Dibromofluoromethane	112	80-120
1,2-Dichloroethane-d4	100	72-135
Toluene-d8	93	80-120
Bromofluorobenzene	93	80-120

ND= Not Detected
RL= Reporting Limit

Batch QC Report

Enthalpy Analytical - Berkeley Analytical Report

Lab #:	298344	Location:	NEC
Client:	Locus Technologies	Prep:	EPA 624
Project#:	98007-99-2200	Analysis:	EPA 624
Matrix:	Water	Batch#:	257852
Units:	ug/L	Analyzed:	03/28/18
Diln Fac:	1.000		

Type: BS Lab ID: QC925435

Analyte	Spiked	Result	%REC	Limits
1,1-Dichloroethene	5.000	5.532	111	72-126
Benzene	5.000	5.028	101	80-124
Trichloroethene	5.000	5.009	100	78-120
Toluene	5.000	4.484	90	80-120
Chlorobenzene	5.000	4.786	96	80-120

Surrogate	%REC	Limits
Dibromofluoromethane	105	80-120
1,2-Dichloroethane-d4	98	72-135
Toluene-d8	88	80-120
Bromofluorobenzene	89	80-120

Type: BSD Lab ID: QC925436

Analyte	Spiked	Result	%REC	Limits	RPD	Lim
1,1-Dichloroethene	5.000	5.764	115	72-126	4	20
Benzene	5.000	5.341	107	80-124	6	20
Trichloroethene	5.000	5.049	101	78-120	1	20
Toluene	5.000	4.869	97	80-120	8	20
Chlorobenzene	5.000	5.032	101	80-120	5	20

Surrogate	%REC	Limits
Dibromofluoromethane	107	80-120
1,2-Dichloroethane-d4	101	72-135
Toluene-d8	92	80-120
Bromofluorobenzene	89	80-120

RPD= Relative Percent Difference

ENTHALPY ANALYTICAL

Total Dissolved Solids (TDS)

Lab #:	298344	Location:	NEC
Client:	Locus Technologies	Prep:	METHOD
Project#:	98007-99-2200	Analysis:	SM2540C
Analyte:	Total Dissolved Solids	Batch#:	257921
Field ID:	266 NEC-EFT	Sampled:	03/26/18
Matrix:	Water	Received:	03/26/18
Units:	mg/L	Prepared:	03/29/18
Diln Fac:	1.000	Analyzed:	03/30/18

Type	Lab ID	Result	RL
SAMPLE	298344-001	690	10
BLANK	QC925715	ND	10

ND= Not Detected
RL= Reporting Limit

ENTHALPY ANALYTICAL

Batch QC Report

Total Dissolved Solids (TDS)

Lab #:	298344	Location:	NEC
Client:	Locus Technologies	Prep:	METHOD
Project#:	98007-99-2200	Analysis:	SM2540C
Analyte:	Total Dissolved Solids	Batch#:	257921
Field ID:	266 NEC-EFT	Sampled:	03/26/18
MSS Lab ID:	298344-001	Received:	03/26/18
Matrix:	Water	Prepared:	03/29/18
Units:	mg/L	Analyzed:	03/30/18
Diln Fac:	1.000		

Type	Lab ID	MSS Result	Spiked	Result	RL	%REC	Limits	RPD	Lim
BS	QC925716		90.20	82.00		91	76-127		
BSD	QC925717		90.20	80.00		89	76-127	2	5
SDUP	QC925718	688.0		706.0	10.00			3	5

RL= Reporting Limit
RPD= Relative Percent Difference